Drilling Of Borewell And Providing Pump And Motor And Laying Pipe Line At Vinayakanagara Dwarakanagara Kattigenahalli Surrounding Area In Ward No 05 Byatarayanapura

EMB

(Pre-Measurement Sheet and Measurement Sheet)

First and Final Bill

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BRUHAT BANGALORE MAHANAGARA PALIKE

PRE-MEASUREMENT

Name of work: Drilling of Borewell and Providing Pump and Motor and Laying Pipe line at Vinayakanagara Dwarakanagara, Kattigenahalli, Surrounding area in ward no. 05 Byatarayanapura

Estimated Cost : Rs. 150.00 Lakhs

Head of Account : P0541

Work Code 005-20-000089

Name of Agency: M/s. Kranthi Electricals, Sri H.V. Nagaraj, Contractor, Thirumala Complex, DVG Road, Bagepalli-561207

Work order No: BBMP/EE/BTP/WO/124/2020-21, Date: 01.10.2020

Measurements Recarded on :

SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
33	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications and directions of Engineer incharge of work.							
	Qty as per Premeasurement Recorded vide E-MB Page No. is							
	Vinayakanagara 3rd Main Borewell to 2nd Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	15.00	0.60	0.75			6.75
	Shivapura Near Shiva Temple	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	20.00	0.60	0.75			9.00
	Shiavapura 4th Main	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Shivapura 4th A Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	10.00	0.60	0.75			4.50

C/F 12/11/2020

Contractor

CIVIL Pro Sig Date BANGALORE

12/11/2020

Assistant Engineer

12/11/2020

Assistant Executive Engineer

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SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
	Shivapura 5th A Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Shivapura 6thA Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Shivapura 2nd B Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	20.00	0.60	0.75			9.00
	Sapthagiri Layout 1st Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Sapthagiri Layout Near Govindappa House	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	12.00	0.60	0.75			5.40
	Ambedakarnagara Near samudaya Bhavana	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Jakkur Near Govt School Compound	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50

Contractor

CIVIL Pro Sig. Date BANGALORE PMC

12/11/2020

Assistant Engineer

12/11/2020

Assistant Executive Engineer

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SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
	Palanahalli Lake (Defence Colony	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	18.00	0.60	0.75			8.10
	Babanagara 1st Stage 2nd cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	10.00	0.60	0.75			4.50
	Balaji layout Kogilu 1st main Road	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Balaji layout 1st Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Balaji Layout 2nd Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	5.00	0.60	0.75			2.25
	Balaji Layout 3rd Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	21.00	0.60	0.75			9.45
	Ayyappa Layout 1st Cross (Kogilu)	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Ayyappa Layout 2nd Cross Kogilu	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	10.00	0.60	0.75			4.50
	Ayyappa Layout 3rd Cross Kogilu	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	26.00	0.60	0.75			11.70

Contractor PMC Assistant Engineer Assistant Executive Engineer

Scanned by CamScanner

SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
	Kempegowda layout Kattigenahalli	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	24.00	0.60	0.75			10.80
	Muneshwara layout 3rd Cross kattigenahalli	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	12.00	0.60	0.75			5.40
	Prakruthi layout	1	9.00	0.60	0.75			4.05
							Total	1715.40

CBFC

13/11/2020

CIVIL Pro

Sig.

Date

13/11/2020

13/11/2020

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SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
34	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete and directions of Engineer incharge of work.							
	Qty as per Premeasurement Recorded vide E-MB Page No. is							
	Vinayakanagara 3rd Main Borewell to 2nd Cross	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	15.00					15.00
	Shivapura Near Shiva Temple	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	20.00					20.00
	Shiavapura 4th Main	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Shivapura 4th A Cross	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	10.00					10.00
	Shivapura 5th A Cross	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Shivapura 6thA Cross	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Shivapura 2nd B Cross	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
		1	30.00					30.00
	Sapthagiri Layout 1st Cross	1	20.00					20.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Sapthagiri Layout Near Govindappa House	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	12.00					12.00
	Ambedakarnagara Near samudaya Bhavana	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Jakkur Near Govt School Compound	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Palanahalli Lake (Defence Colony	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	18.00					18.00
	Babanagara 1st Stage 2nd cross	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	10.00					10.00
	Balaji layout Kogilu 1st main Road	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Balaji layout 1st Cross	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00

Contractor

CIVIL P.I.C. Sig. Date BANGALORE PMC

18/11/2020

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
	Balaji Layout 2nd Cross	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Balaji Layout 3rd Cross	1	5.00					5.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Ayyappa Layout 1st Cross (Kogilu)	1	21.00					21.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
	Ayyappa Layout 2nd Cross Kogilu	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	10.00					10.00
	Ayyappa Layout 3rd Cross Kogilu	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	26.00					26.00
	Kempegowda layout Kattigenahalli	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	24.00					24.00
	Muneshwara layout 3rd Cross kattigenahalli	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	12.00					12.00
	Prakruthi layout	1	9.00					9.00
							Total	3812.00

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
35	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications and directions of Engineer incharge of work.							
	Qty as per Premeasurement Recorded vide E-MB Page No. is							
	Vinayakanagara 3rd Main Borewell to 2nd Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	15.00	0.60	0.75			6.75
	Shivapura Near Shiva Temple	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	20.00	0.60	0.75			9.00
	Shiavapura 4th Main	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Shivapura 4th A Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	10.00	0.60	0.75			4.50
	Shivapura 5th A Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Shivapura 6thA Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Shivapura 2nd B Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	20.00	0.60	0.75			9.00

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
	Sapthagiri Layout 1st Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Sapthagiri Layout Near Govindappa House	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	12.00	0.60	0.75			5.40
	Ambedakarnagara Near samudaya Bhavana	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Jakkur Near Govt School Compound	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Palanahalli Lake (Defence Colony	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	18.00	0.60	0.75			8.10
	Babanagara 1st Stage 2nd cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	10.00	0.60	0.75			4.50
	Balaji layout Kogilu 1st main Road	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Balaji layout 1st Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50

CIVIL PRO Sig Date BANGALORE

30/12/2020

Contractor PMC Assistant Engineer Assistant Executive Engineer

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SLNo	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity
			meters	meters	meters	meters	meters	
	Balaji Layout 2nd Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	5.00	0.60	0.75			2.25
	Balaji Layout 3rd Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	21.00	0.60	0.75			9.45
	Ayyappa Layout 1st Cross (Kogilu)	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
	Ayyappa Layout 2nd Cross Kogilu	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	10.00	0.60	0.75			4.50
	Ayyappa Layout 3rd Cross Kogilu	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	26.00	0.60	0.75			11.70
	Kempegowda layout Kattigenahalli	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	24.00	0.60	0.75			10.80
	Muneshwara layout 3rd Cross kattigenahalli	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	12.00	0.60	0.75			5.40
	Prakruthi layout	1	9.00	0.60	0.75			4.05
							Total	1715.40

Contractor

CIVIL Pro Sig Date BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

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